

Converting Colors

HunterLab(33.1955, -3.2146,
1.7612)

Have a look what the booklet for
HunterLab(33.1955, -3.2146, 1.7612)
contains.

HunterLab(33.1201, -3.0146, 1.8169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.1201, -3.0146,
1.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5E5D
RGB	90, 94, 93
RGB Percent	35%, 37%, 36%
CMY	0.6471, 0.6314, 0.6353
CMYK	0.04, 0.00, 0.01, 0.63
HSL	165°, 2%, 36%
HSV	165°, 4%, 37%
XYZ	10.1950, 10.9694, 11.9360
YIQ	92.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

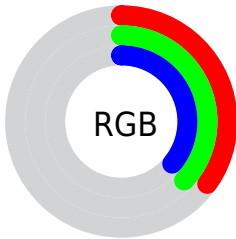
Format	Color
R_{YB}	90, 92, 94
Decimal	5922397
CIE Lab	39.53, -1.78, 0.02
CIE LCh	40, 1.783, 179.301
Yxy	10.9699, 0.3080, 0.3314
Android (android.graphics.Color)	4284112477 (0xFF5A5E5D)
YUV	92.6900, 0.1528, -2.3591
Hunter-Lab	33.1201, -3.0146, 1.8169

Details

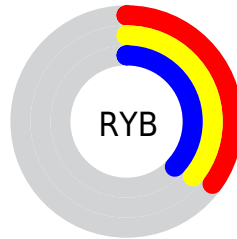
The HunterLab color **33.1201, -3.0146, 1.8169** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **32.3229, -0.4517, 1.7532**, and the grayscale version is **32.9707, -1.7592, 1.7914**.

A 20% lighter version of the original color is **52.4453, -4.1503, 2.8658**, and **16.8956, -2.0062, 0.9385** is the 20% darker color. If you saturate the color by 10%, you get **32.3834, -5.7651, 1.8777**, and if you desaturate by 10%, it is **33.9320, -0.0733, 1.8426**.

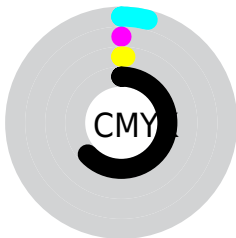
Distribution



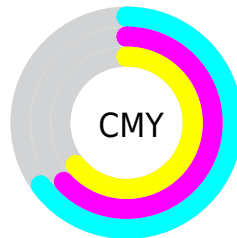
- Red (35%)
- Green (37%)
- Blue (36%)



- Red (35%)
- Yellow (36%)
- Blue (37%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (63%)



- Cyan (65%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1201, -3.0146, 1.8169 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 33.1201, -3.0146, 1.8169 by changing the saturation by 10% instead.

■ 33.1201, -3.0146,
1.8169

■ 33.1201, -3.0146,
1.8169

■ 140.5207, -9.5323,
7.6725

■ 24.5898, -2.4400,
1.3517

■ 52.5399, -4.2626,
2.8769

■ 16.9512, -1.8981,
0.9343

■ 63.3123, -4.9324,
3.4643

■ 10.3248, -1.3891,
0.5719

■ 74.7344, -5.6314,
4.0871

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7711, -6.3587,
4.7433

0.0000, NaN, NaN

■ 99.3925, -7.1133,
5.4312

0.0000, NaN, NaN

112.5726, -7.8943,

0.0000, NaN, NaN

126.2888, -8.7009,
6.8970

■ 33.1201, -3.0146,
1.8169

■ 33.1201, -3.0146,
1.8169

■ 32.3834, -5.7651,
1.8777

■ 33.9320, -0.0733,
1.8426

■ 31.7215, -8.3017,
2.0247

■ 34.8149, 3.0395,
1.9509

■ 31.1360, -10.6057,
2.2581

■ 35.7670, 6.3018,
2.1391

■ 30.6272, -12.6607,
2.5761

■ 36.7855, 9.6932,
2.4032

■ 30.1945, -14.4541,
2.9749

■ 37.8675, 13.1949,
2.7388

■ 29.8362, -15.9789,
3.4493

■ 39.0100, 16.7896,
3.1414

■ 29.5495, -17.2345,
3.9919

■ 40.2099, 20.4621,
3.6062

■ 29.3301, -18.2280,
4.5935

■ 41.4643, 24.1989,
4.1285

■ 29.1656, -19.0030,
5.2357

■ 42.7701, 27.9883,
4.7038

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.1208, -2.8419, 2.4069



33.1201, -3.0146, 1.8169



33.1208, -2.8570, 1.2129

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.1208, -3.0153, 1.8174



33.1208, -1.1522, 0.7441



33.1208, -1.1255, 2.8136

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.1201, -3.0146, 1.8169



32.3229, -0.4517, 1.7532

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.1208, -0.6668, 2.3822



33.1201, -3.0146, 1.8169



33.1208, -0.6823, 1.1872

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.1208, -3.0153, 1.8174



33.1208, -1.7843, 0.5860



33.1208, -0.5040, 1.7883



33.1208, -1.7537, 2.9752

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.1201, -3.0146, 1.8169



33.1208, -2.5839, 0.8844



33.1208, -0.5040, 1.7883



33.1208, -0.9462, 2.6958

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.1208, -3.0153, 1.8174



44.1618, -2.7606, 2.4033



33.1235, -3.1633, 3.0407



21.6226, -1.3332, 1.1765



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.1208, -3.0153, 1.8174



43.7344, -4.3277, 2.4074



32.8978, -2.4582, 1.1422



16.2912, -1.6301, 0.8972



34.1889, -22.9228, 6.7506



79.9134, -54.2026, 17.1230

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.3229, -0.4517, 1.7532



42.4568, -0.2229, 2.3046



32.5408, -1.0095, 2.4092



15.8036, -0.0634, 0.8580



18.3679, 31.8976, 8.4422



42.8367, 74.1048, 21.8994

Previews

White Background



This preview shows how the HunterLab color 33.1201, -3.0146, 1.8169 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.1201, -3.0146, 1.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

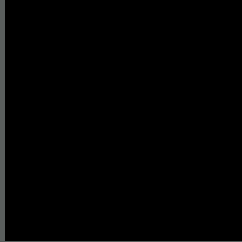
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.1201, -3.0146, 1.8169 Background



This preview shows how black text looks on a background with the HunterLab color 33.1201, -3.0146, 1.8169.

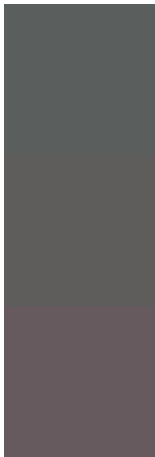


This preview shows how white text looks on a background with the HunterLab color 33.1201, -3.0146,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.1201, -3.0146, 1.8169

Protanopia

33.2179, -1.3569, 2.3727

Deuteranopia

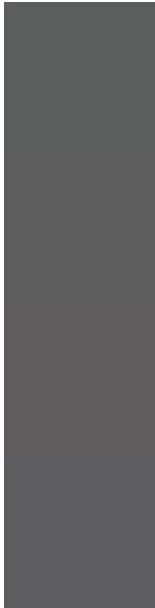
33.0836, 2.2951, 1.4481



Tritanopia

33.1254, -1.2330, -1.1895

Trichromacy



Original Color

33.1201, -3.0146, 1.8169

Protanomaly

33.0584, -1.9112, 2.1774

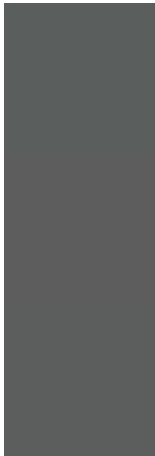
Deuteranomaly

32.9954, 0.6759, 1.3147

Tritanomaly

33.0392, -1.7044, 0.0340

Monochromacy



Original Color

33.1201, -3.0146, 1.8169

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.0066, -2.0385, 1.7003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1201, -3.0146, 1.8169 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(90, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(90, 94, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(90, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 94, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1201, -3.0146, 1.8169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 94, 93) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(90, 94, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(90, 94, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(90, 94, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1201, -3.0146, 1.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 94, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(90, 94,  
93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor